

ABSTRACT

Compounds, compositions, and methods for inhibiting the glycine transporter 2 and for inhibiting glycine transporter mediated neuronal activity. These compounds are particularly useful for treating diseases of the nerve and muscle, including psychoses, pain, epilepsy, neurodegenerative diseases, stroke, head trauma, multiple sclerosis and the like, and of muscle disorders, including diseases or conditions associated with increased muscle contraction, such as spasticity and myoclonus. In addition, the compounds may be used to discover other agents with improved activity in assays in which the compounds of the invention are active.

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